

ABERTHAW CAST STONE

(PATENTED)

FOR TRIMMINGS OF BUILDINGS

AND OTHER USES



ABERTHAW CONSTRUCTION CO.

8 BEACON STREET, BOSTON

CONCRETE ENGINEERS & CONTRACTORS FOR CONCRETE
MASONRY OF ALL KINDS

MEMBER MASTER BUILDERS' ASSOCIATION



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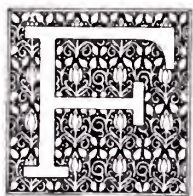


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FORESEEING the tendency of the times, and complying with an already active demand for a high-grade building stone at a reasonable price, we have started a shop for casting Portland cement concrete.

We can cast stone as light colored as Berea limestone or gray sandstone, at the same time so closely copying its texture and finish as to deceive an expert.

We can also copy red or brown sandstone with equal exactness.

Bluestone and slate can be very easily matched in color.

Our composite granite is worthy of careful consideration.



ARCHITECTS have found concrete to be the most satisfactory of building material where strength, durability, or fireproof qualities have been the governing considerations. Its appearance alone has prevented its general use as a facing for the walls of buildings.

Aberthaw cast stone, while retaining all the merits of concrete, has in addition the handsome appearance of natural stone.

It is made by a patented process, whereby the stone is indurated with chemicals when cast, changing the structure and correcting the imperfections which have previously been objectionable.

Efflorescence is entirely overcome by the chemical treatment used.

This stone is much less porous than Indiana limestone and, therefore, it does not stain or mold green.

When necessary, the stone is re-enforced with embedded twisted steel, and then possesses all the merits of concrete-steel construction.



WE do not use wooden or rigid molds of any type. Owing to swelling and warping when wet, wooden molds are likely to give rough and irregular castings. In any case, when the mortar or concrete contains sufficient water for strong results, it flushes to the surface and gives a flat, uninteresting appearance. Below this the concrete is likely to be uneven and full of air cells. If the molds are not very tight, the mortar will run out of the cracks, showing a line and making a rough streak in the stone. This is especially likely to occur at the corners, and thus weaken the casting where it most needs strength.

In order to use the molds over again, as soon as possible, concrete packed in rigid molds is usually mixed very dry,—too dry to obtain full strength from the cement.



WE use chemically treated porous molds and mix the concrete very wet. The difference in results has already been pointed out.

USES for ABERTHAW CAST STONE

Window and door-sills and lintels, either plain or ornamental.

Ashlar. Smooth, tooled, or rock faced.

Belt courses and cornices of any design.

Chimney caps and cowls.

Steps, newel posts, balustrades.

Wainscot, tiles, hospital base.

Lavatory partitions, urinal backs, wash trays.

Electric switchboards, rheostat bases, etc.

Italian gardens, vases, fountains, seats.

Wall caps, columns, balustrades.

Monuments, tombstones, coffin cases.

Drinking fountains, watering troughs.

Bridge railings, keystones, curbs.

Sewer pipe and fittings.



T. F. Schneider, Architect.

FLORENCE APARTMENTS, 15TH AND L STS., WASHINGTON, D. C.

This and the other Washington views are furnished by the courtesy of the Standard Stone Co. of Washington, D. C.

Aberthaw cast stone is superior to terra cotta because it is

Handsomer.

Stronger.

Looks like stone.

Does not warp.

Made more quickly.

Made in Boston.

Uniform and regular in size.

In case of damage, more easily and quickly replaced.



Reasons why ordinary concrete is not com- monly used for building stone

Flat, uninteresting color.

Not uniform in texture or color.

Mortar stains often give irregular color.

Mortar stains not always permanent in color.

It effloresces or stains white.

Sharp detail impossible.

Coarse texture.

Cutting of stone gives porous surface.

It cannot be carved.



**APARTMENT HOUSE, ROCK FACE ASHLAR.
STREET, WASHINGTON, D. C.**

Smooth or rock faced, plain or carved, straight or curved work can be readily produced.



KEYSTONE.

PROPERTIES OF ABERTHAW CAST STONE

Color can be varied from that of light marble to that of slate.

Texture close grained and compact.

Texture and color uniform.

Color varied by change of aggregate; hence color as fast as that of natural stone.

It is not stained by cement mortar.

Chemically treated to prevent efflorescence and to increase hardness.

It never molds nor turns green.

Grows harder with time.

It is waterproof.

Stone being uniformly hard throughout, can be cut or carved like natural stone.

Small detail can be reproduced perfectly.

All stones are exact size, therefore they are easily set without fitting.



Cast stone is a worthy ornament for the most important and beautiful of buildings.



Speiden & Speiden, Architects.

STONE WALL, 29TH STREET, BETWEEN Q AND R, WASHINGTON, N. W.



PAVALION, BRANDYWINE PARK, WILMINGTON, DEL.

Everything from floor up is cast stone made by the Standard Stone Co., 140 Nassau St., New York.



**PHI GAMMA DELTA FRATERNITY HOUSE
YALE UNIVERSITY.**

Whole front of cast stone. Built by Aberthaw Construction Company.

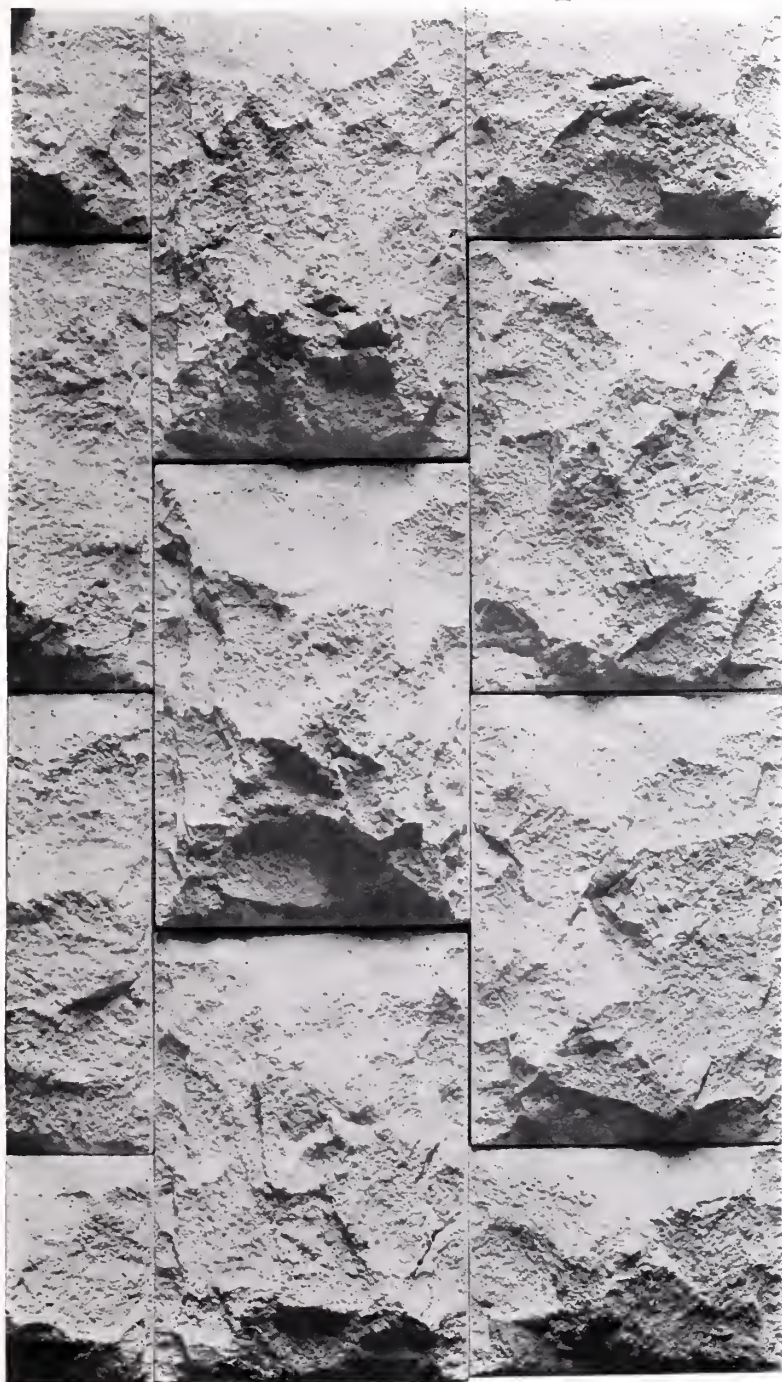


**POST CAP ON GARDEN WALL
FOR MR. LARZ ANDERSON, BROOKLINE.**

Made by Aberthaw Construction Company.



DETAIL OF CAST STONE POST CAPS AT MAIN ENTRANCE AND AT NEWELL MEMORIAL GATE, SOLDIERS' FIELD HARVARD UNIVERSITY. Entire fence built by Aberthaw Construction Company.



Rock Face Ashlar. Cutting of surface is hand work. Notice the density and fineness of the stone.



W. S. Plager, Architect.

SEVEN HOUSES, 14TH AND E. CAPITOL STREETS, WASHINGTON.



Chas. Simpson, Architect.

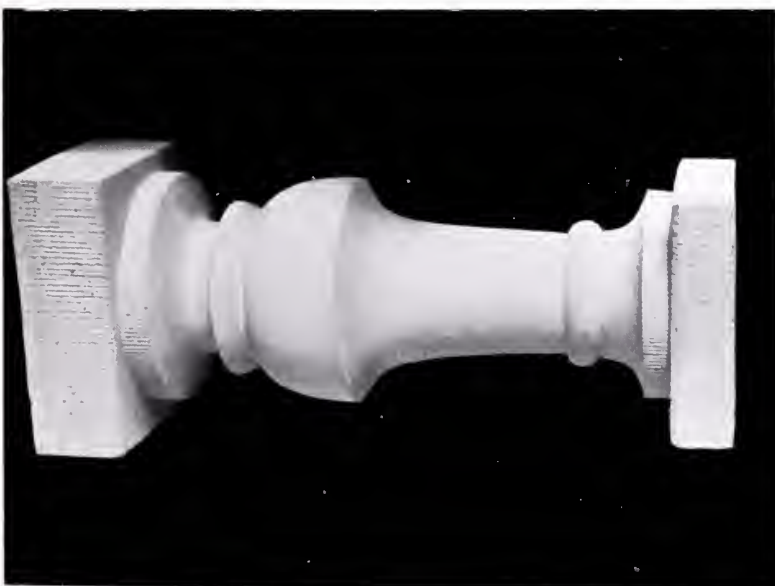
SIX HOUSES, MORGAN AVENUE, WASHINGTON, N. W.

A highly ornamental stone for a little greater cost than must be paid for wood or galvanized iron, vastly increases the possibility of adornment of moderate priced buildings.



AN ORNAMENTAL KEYSTONE.

Ornamental Castings can be as accurately made as plain ones.



BALUSTER.



TWO BALUSTERS AND ROCK FACE STONE.

Cast Stone can be worked with tools easier than the natural stone.

ABERTHAW CONSTRUCTION CO.

Workers in Concrete

WE ARE PREPARED TO DESIGN OR BUILD ANYTHING
MADE OF CONCRETE



8 BEACON STREET
BOSTON